

Ac. 4470 B. 13

A B S T R A C T  
O F T H E  
P R E M I U M S  
O F F E R E D B Y T H E  
S O C I E T Y  
I N S T I T U T E D A T L O N D O N F O R T H E  
E N C O U R A G E M E N T O F A R T S,  
M A N U F A C T U R E S A N D  
C O M M E R C E.



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SOCIETY, BY WILLIAM ADLARD, IN  
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MDCCLXXXIII.

N. B. *The first Volume of the Transactions of this SOCIETY will speedily be published, notice of which will be given in the News-papers, and may then be had at the SOCIETY's House in the Adelphi, or of the principal Booksellers in England and Wales; in which Book will be found the Particulars of each Premium, and the Methods to be pursued by those who intend to become Candidates.*

## To the P U B L I C.

THE CHIEF OBJECTS of the Attention of the SOCIETY, in the Application of their REWARDS, are all such useful Inventions, Discoveries, or Improvements, (though not mentioned in the Book of Premiums) as appear to have a Tendency to promote useful Arts, Manufactures, and Commerce, in this Kingdom; and in Pursuance of this Plan, the Society have already been enabled, by the Voluntary Subscriptions of its Members, and by Benefactions from the Nobility and Gentry, to expend for such useful Purposes, a Sum amounting to *upwards of Twenty Eight Thousand Pounds.*—

Whoever attentively considers the Benefits which have arisen to the Public since the Institution of this Society, by the Introduction of new Manufactures, and the Improvement of those formerly established, will readily allow, no Money was ever more usefully expended, nor has any Nation received more real Advantage, from any public Body whatever, than has been derived to this Country, from the Rewards bestowed by this Society; and this Observation will be confirmed by inspecting a general Account of the Effects of the Rewards bestowed by the Society, annexed to a Work, in Folio, printed in 1778, entitled, “A Register of the “ Premiums and Bounties given by the Society, “ instituted at *London*, for the Encouragement of “ Arts, Manufactures and Commerce, from the “ Original Institution in 1754, to 1776 inclusive;” which Work is sent to every Member on his Elec-

tion, and may be seen by any Person, applying to the Secretary, or other Officers of the Society, at their House in the *Adelphi*.

In order further to promote the laudable Views of this Institution, and to enable the Society to prosecute to greater Effect, the Work so successfully begun, it may not be improper to inform the Public, by what Mode, and on what Terms, Members are elected.—The Name, with the Addition and Place of Abode of the Person proposing to become a Member, is to be delivered to the Secretary, who is to read the same, and properly insert the Name in a List of Candidates, to be hung up in the Society's Room, until the next Meeting, at which such Persons shall be balloted for; and if Two-thirds of the Members then voting, shall ballot in his Favour, he shall be deemed a perpetual Member; upon Payment of *Twenty Guineas* at one Payment, or a Subscribing Member, upon Payment of any Sum not less than *Two Guineas* Annually.—Every Member is equally intitled to vote, and be concerned in all the Transactions of the Society. The ordinary Meetings are held every *Wednesday*, at Six o'Clock in the Evening, from the Fourth *Wednesday* in *October* to the first *Wednesday* in *June*.

*The Society, in pursuance of their Plan, propose to bestow Premiums under the following Heads.*

*Premiums for Planting and Husbandry.*

S U B J E C T.	PREMIUMS OFFERED.	TIME OF PRODUCING
<i>Setting Acorns,</i> not less than 10 Acres 5 Acres	Gold Medal Silver Medal	1st Tuesday Nov. 1783
<i>Raising Oaks,</i> not fewer than 5000	Gold Medal	1st Tuesday Jan. 1788
<i>Setting Chestnuts,</i> not less than 6 Acres 4 Acres 2 Acres	Gold Medal Silver Medal Silver Medal	1st Tuesday Nov. 1783
<i>Planting Elm,</i> not fewer than 8000 5000 4000	Gold Medal Silver Medal Silver Medal	1st Tuesday Nov. 1783
<i>Planting Weymouth Pine,</i> not less than 4000 2000 1000	Gold Medal Silver Medal Silver Medal	last Tuesday Jan. 1784
<i>Red Virginia Cedar,</i> not fewer than 3000 2000	Gold Medal Silver Medal	last Tuesday Nov. 1783
<i>Spruce Fir,</i> not fewer than 10000 6000 4000	Gold Medal Silver Medal Silver Medal	last Tuesday Jan. 1784
<i>Silver Fir,</i> not fewer than 4000 3000 2000	Gold Medal Silver Medal Silver Medal	last Tuesday Jan. 1784

*Plant*

## S U B J E C T.      P R E M I U M S   O F F E R E D.   T I M E   O F   P R O D U C I N G

<i>Planting Larch,</i> not fewer than 5000 3000	Gold medal Silver medal	last Tuesday Nov 1783
<i>Utility of Larch,</i> account of	Gold medal	2d Tuesday Dec 1783
<i>Planting Norfolk Willow,</i> not less than 6 acres	Gold medal	last Tuesday Dec. 1783
<i>Occidental Plane Trees,</i> not less than 2 acres	Gold medal	last Tuesday Dec. 1783
<i>Alder,</i> not less than 6 acres	Gold medal	last Tuesday Dec. 1783
<i>Upland or Red Willow,</i> not less than 3 acres	Gold medal	last Tuesday April 1784
<i>Ash,</i> not less than 6 acres 4 acres	Gold medal Silver medal	2d Tuesday March 1784
<i>Lombardy or Po Poplar,</i> not less than 6 acres	Gold medal	2d Tuesday Nov 1783
<i>Account of Trees, for use when exposed to the Weather</i>	Gold medal	2d Tuesday Dec 1783
<i>Method of Preventing Acorns when sown being injured by Mice</i>	Gold medal	last Tuesday Nov. 1784
<i>Preventing Chestnuts and Seeds of other Forest Trees, when sown being destroyed by Mice</i>	Silver medal	last Tuesday Nov. 1784

Pre-

# A G R I C U L T U R E.

7

S U B J E C T.	P R E M I U M S O F F E R E D.	T I M E O F P R O D U C I N G
<i>Preventing Garden Seeds when sown being destroyed by Birds or Vermin.</i>	Silver medal	last Tuesday Nov. 1784
<i>Planting Boggy or Muddy Soils</i>	Gold medal	1st Tuesday Jan. 1792
<i>Ascertaining the Uses of Roots of Corn.</i>	Gold medal	1st Tuesday Jan. 1784
<i>Account of Culture of Wheat.</i>	Gold medal	1st Tuesday Feb. 1784
<i>Culture of Beans and Wheat.</i> not less than 30 acres	Gold medal	1st Tuesday Nov. 1783
<i>Culture of Potatoes,</i> not less than 50 acres	Gold medal	last Tuesday Jan. 1784
<i>Turneps,</i> Experiments on 6 acres	Gold medal	3d Tuesday April 1784
<i>Green Vegetable Food,</i> account of	Gold medal	2d Tuesday Nov. 1783
<i>Mixture of Grass Seeds for laying down Land</i>	Gold medal	1st Tuesday Jan. 1784
<i>Turnep-rooted Cabbage,</i> not less than 10 acres 5 acres	Gold medal Silver medal	last Tuesday Oct. 1783
<i>Cultivating Roots and Herbs for feeding Sheep and Black-Cattle.</i>	Gold medal	1st. Day Novem. 1783
<i>Turnep-rooted Cabbage,</i> greatest quantity per acre	Gold medal	1st Tuesday Nov. 1783 <i>Rearing</i>

AGRICULTURE.

S U B J E C T.      P R E M I U M S O F F E R E D.      T I M E O F P R O D U C I N G

<i>Rearing and Fattening Hogs,</i> account of	Gold medal	1st Tuesday March 1784
<i>Managing Bees,</i> account of	Gold medal	2d Tuesday Jan. 1784
<i>Cultivating the true Rhubarb,</i> not fewer than 300 plants	Gold medal	2d Tuesday Feb. 1784
200 plants	Silver medal	
<i>Curing Rhubarb,</i> not less than 20 lb.	Gold medal	1st Tuesday Nov. 1783
<i>Ascertaining the compo- tent Parts of Arable Land.</i>	Gold medal	last Tuesday Nov. 1788
<i>Improving Land lying Waste,</i> for account of	Gold medal	2d Tuesday Dec. 1783
<i>Manures,</i> account of	Gold medal	1st Tuesday Jan. 1784
<i>Manures,</i> account of, used as top- dressings	Gold medal	1st Tuesday Dec. 1784
<i>Comparison between Rolling or Scarifying Grass Land.</i>	Gold medal	1st Tuesday Nov. 1783
<i>Proper Depth of Plough- ing,—account of</i>	Gold medal or fifty guineas	1st Tuesday Jan. 1784
<i>Ascertaining best course of Crops on Clay.</i>	Gold medal or fifty pounds	1st Tuesday Jan. 1786

*Course*

## A G R I C U L T U R E.

S U B J E C T.	P R E M I U M S O F F E R E D.	T I M E O F P R O D U C I N G.
<i>Course of Beans and Wheat.</i> a count of		Gold medal last Tuesday March 1784
<i>Improving Waste Moors</i> not less than 100 acres		Gold medal 1st Tuesday Feb. 1784
<i>Gaining Land from the Sea.</i> not less than 20 acres		Gold medal 1st Tuesday Oct. 1785
<i>Drill Plough for Horse Beans.</i>	Silver medal or ten guineas	1st Tuesday Jan. 1784
<i>Machine for Reaping or Mowing Corn</i>	Gold medal	2d Tuesday Dec. 1783
<i>Scab in Sheep,</i> for a method of curing	Silver medal or ten guineas	2d Tuesday Jan. 1784

C H E-

*Premiums for Discoveries and Improvements in Chemistry.*

S U B J E C T.	P R E M I U M S O F F E R E D.	T I M E O F P R O D U C I N G
<i>Improving Kelp, not less than 4 tons</i>	<i>Gold medal or twenty pounds</i>	<i>1st Tuesday Jan. 1784</i>
<i>Making Barilla, not less than half a ton</i>	<i>Gold medal or twenty pounds</i>	<i>1st Tuesday Jan. 1784</i>
<i>Discovering Native Fossil Fixt Alkali, not less than 200 wt.</i>	<i>Gold medal or thirty pounds</i>	<i>1st Tuesday Jan. 1784</i>
<i>Importing Native Fossil fixt Alkali from East India, not less than half a ton</i>	<i>Gold medal or thirty pounds</i>	<i>last Tuesday Jan. 1784</i>
<i>Discovering the Method of obtaining Alkali from Sea Salt, fifty pounds weight</i>	<i>Gold medal</i>	<i>3d Tuesday Dec. 1783</i>
<i>Preserving Seeds.</i>	<i>Gold medal</i>	<i>1st Tuesday Dec. 1783</i>
<i>Cultivating Poppy Seed for Oil, not less than ten acres</i>	<i>Gold medal or twenty pounds</i>	<i>3d Tuesday Jan. 1784</i>
<i>Method of destroying Smoke.</i>	<i>Gold medal</i>	<i>1st Tuesday Jan. 1784</i>
<i>Substitute or Preparation of Yeast.</i>	<i>Gold medal or twenty pounds</i>	<i>last Tuesday Nov. 1783</i>
<i>Method of Encreasing Steam.</i>	<i>Gold medal</i>	<i>1st Tuesday Jan. 1785</i>
<i>Method of Comparing Sweets.</i>	<i>Gold medal</i>	<i>1st Tuesday Jan. 1784</i>

P O L I T E A R T S.

*Premiums for promoting Polite Arts.*

S U B J E C T.	PREMIUMS OFFERED.	TIME OF PRODUCING
<i>Drawings</i> by Sons or Grandsons of Peers	Gold Medal } Silver Medal }	1st Tuesday March 1784
<i>Drawings</i> By Daughters or Grand Daughters of Peers	Gold Medal } Silver Medal }	1st Tuesday March 1784
<i>Drawings</i> by young Gentlemen	Gold Medal } Silver Medals }	1st Tuesday March 1784
<i>Drawings</i> by young Ladies	Gold Medal } Silver Medal }	1st Tuesday March 1784
<i>Modelling</i> a head from life	Silver Medallion	3d Tuesday Oct. 1783
<i>Drawings</i> of Outlines from Plaster	Great silver pallet } Lesser silver pallet }	last Tuesday Oct. 1783
<i>Drawings</i> after Pictures	Great silver pallet } Lesser silver pallet }	last Tuesday Oct. 1783
<i>Drawings</i> of Machines	Great silver pallet	3d Tuesday Oct. 1783
<i>Drawings</i> of Beasts	Great silver pallet } Lesser silver pallet }	3d Tuesday Oct. 1783
<i>Drawings</i> of Birds	Great silver pallet } Lesser silver pallet }	3d Tuesday Oct. 1783
<i>Drawings</i> of Fruit, Flowers, or Plants	Great silver pallet } Lesser silver pallet }	3d Tuesday Oct. 1783

Draw-

S U B J E C T.	PREMIUMS OFFERED.	TIME OF PRODUCING
<i>Drawings</i> of Landscapes after Nature	Great silver pallet Lesser silver pallet	3d Tuesday Oct. 1783
<i>Original Historical Drawings</i>	Gold pallet Great silver pallet	1st Tuesday Feb. 1784
<i>Teaching to speak Lan- guages at Schools, viz.</i> Latin, German, Spa- nish and Italian	A Gold Medal for each.	2d Tuesday Nov. 1785
<i>And to the Scholar who speaks the best</i> Latin, German, Spanish or Italian	A Silver Medal for each.	

MANU-

*Premiums for encourageing and improving Manufactures.*

S U B J E C T.	PREMIUMS OFFERED.	TIME OF PRODUCING
<i>Producing Silk,</i> not less than 5 lb. 2 lb.	Gold Medal Silver Medal	1st Tuesday Jan. 1784
<i>Raising Plants from Mulberry Cuttings,</i> not less than 300	Gold Medal	1st Tuesday Nov 1783
<i>Plantation of Mulberry Cuttings,</i> not less than 1 acre	Gold Medal	1st Tuesday Dec 1783
<i>Machine for Carding Silk</i>	Gold Medal or Twenty Pounds	1st Tuesday Nov 1783
<i>Weaving Fishing Nets</i>	Twenty Guineas	2d Tuesday Jan 1784
<i>Paper for Copper-plates</i>	Gold Medal or Twenty Guineas	1st Tuesday Jan 1784

2 M E C H A N I C S . A M

*Premiums for Inventions in Mechanics.*

S U B J E C T.	PREMIUMS OFFERED.	TIME OF PRODUCING
<i>Transit Instrument</i>	Gold Medal	last Tuesday Jan. 1784
<i>Each Whale taken by the Gun Harpoon</i>	Two Guineas	last Tuesday Dec. 1783
<i>Gun for throwing Har- poons</i>	Silver Medal or Ten Guineas	1st Tuesday Dec. 1783
<i>Harpoon to be thrown by a Gun</i>	Silver Medal or Ten Guineas	1st Tuesday Dec. 1783
<i>Machine for Trans- porting Timber</i>	Twenty Guineas	last Tuesday Nov. 1783
<i>Improvement of the Hand Ventilator</i>	Gold Medal	last Tuesday Feb. 1784
<i>Archimedean or Water Screw</i>	Gold Medal	3d Tuesday Feb. 1784
<i>Engine for Working Looms</i>	Gold Medal or Thirty Guineas	1st Tuesday Jan. 1784
<i>Cranes for Wharfs</i>	Gold Medal or Twenty Guineas	1st Tuesday Feb. 1784
<i>Carriage to convey En- gines for extinguish- ing Fires</i>	Gold Medal	last Tuesday Jan. 1784

C O L O-

*Premiums for the Advantage of the British Colonies.*

S U B J E C T.	P R E M I U M S O F F E R E D.	T I M E O F P R O D U C I N G.
<i>Nutmegs in the West- Indies.</i>	Gold medal or 100 pounds	1st Tuesday Jan. 1784
<i>Importing Bread Fruit Tree.</i>	Gold medal	between the 1st. of June and 15th Aug. 1784.
<i>Oil from the Seed of Cotton.</i> not less than 1 ton $\frac{1}{2}$ a ton	Gold medal Silver medal	last Tuesday Nov. 1785

☞ It is required, that the matters for which Premiums are offered, be delivered in without names, or any intimation to whom they belong; that each particular thing be marked in what manner each claimant thinks fit, such claimant sending with it a paper sealed up, having on the outside a corresponding mark, and on the inside the claimant's name and address.

F      I      N      I      S.

# COLONIES AND TRADE

Principles for the Management of the British Colonies.

Section I. TERMINAL TRADE. SUGGESTIONS.

Section II. TRADE. SUGGESTIONS.

Section III. COLONIAL TRADE. SUGGESTIONS.

Section IV. COLONIAL TRADE. SUGGESTIONS.

Section V. COLONIAL TRADE. SUGGESTIONS.

Section VI. COLONIAL TRADE. SUGGESTIONS.

Section VII. COLONIAL TRADE. SUGGESTIONS.

Section VIII. COLONIAL TRADE. SUGGESTIONS.

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Section XI. COLONIAL TRADE. SUGGESTIONS.

Section XII. COLONIAL TRADE. SUGGESTIONS.

Section XIII. COLONIAL TRADE. SUGGESTIONS.

Section XIV. COLONIAL TRADE. SUGGESTIONS.

Section XV. COLONIAL TRADE. SUGGESTIONS.

Section XVI. COLONIAL TRADE. SUGGESTIONS.

Section XVII. COLONIAL TRADE. SUGGESTIONS.

Section XVIII. COLONIAL TRADE. SUGGESTIONS.

